AUTODOC CLUB

# How to change spark plugs on **CITROËN C3 II (SC_)** – replacement guide

## SIMILAR VIDEO TUTORIAL




This video shows the replacement procedure of a similar car part on another vehicle

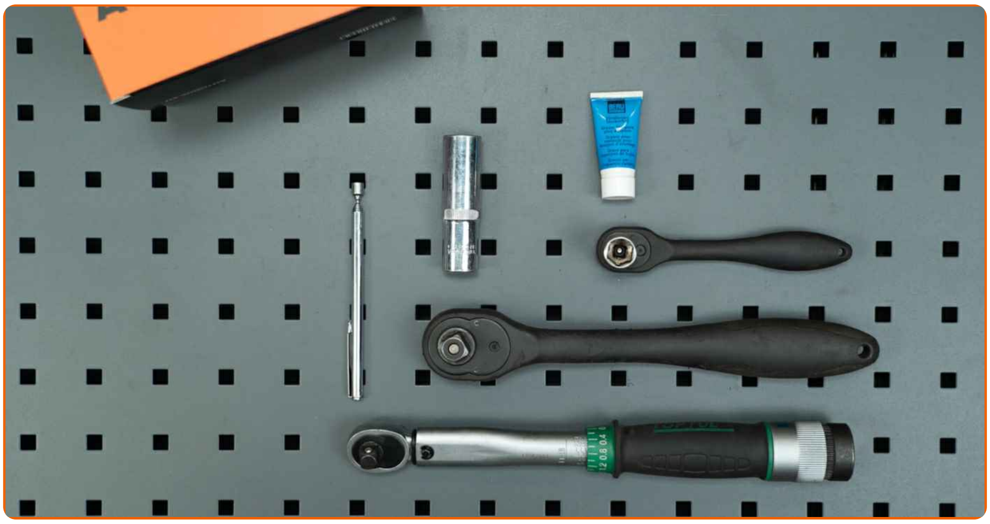
**Important!**

This replacement procedure can be used for:
CITROËN C3 II (SC_) 1.1 BiFuel, CITROËN C3 II (SC_) 1.1, CITROËN C3 II (SC_) 1.4, CITROËN C3 II (SC_) 1.4 LPG

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: CITROËN C3 I Hatchback (FC_, FN_) 1.4 i

# REPLACEMENT: SPARK PLUGS – CITROËN C3 II (SC_). TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Telescoping magnet
- Fender cover

Buy tools

Replacement: spark plugs – CITROËN C3 II (SC_). AUTODOC experts recommend:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

## REPLACEMENT: SPARK PLUGS – CITROËN C3 II (SC_). RECOMMENDED SEQUENCE OF STEPS:

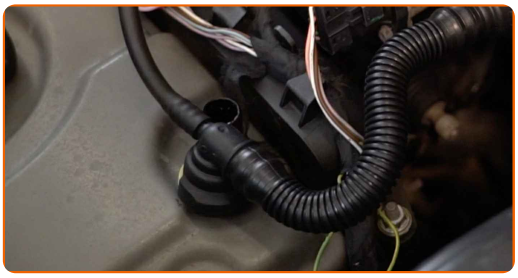
1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Detach the PCV valve.



4 Disconnect the crankcase ventilation hose from the intake manifold.



5 Remove the crankcase ventilation hoses.

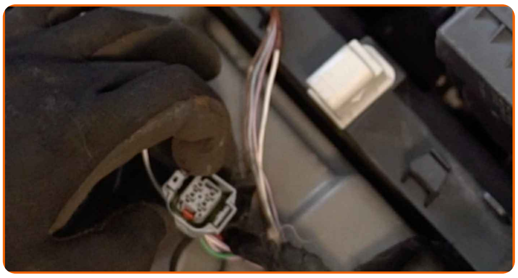
**6** Disconnect the crankcase ventilation hose from the air duct.



**7** Detach the throttle valve connectors.



**8** Detach the connector from the ignition coil.



**9** Detach the connector from the intake manifold.



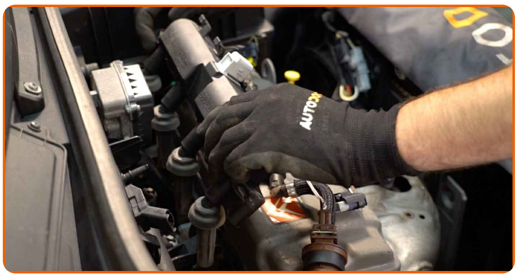
**10** Cover the PCV valve hole with a microfibre cloth to prevent dirt and foreign objects from getting into the system.



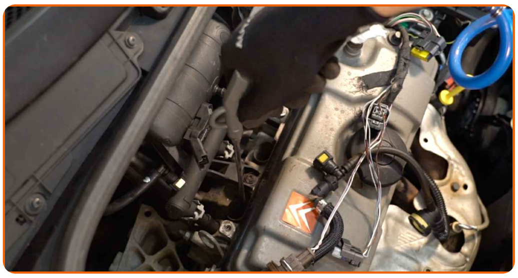
**11** Unscrew the ignition coil bracket. Use a drive socket #10. Use a ratchet wrench.



**12** Pry up the ignition coil. Take out the ignition coil from the spark plug well.



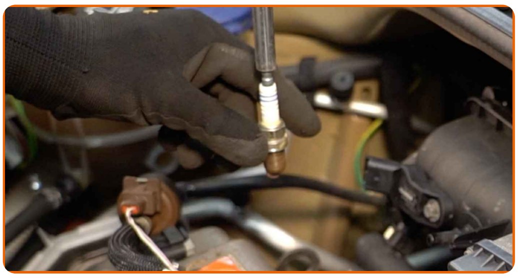
**13** Clean dirt, dust and debris from inside the spark plug wells.



**14** Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.

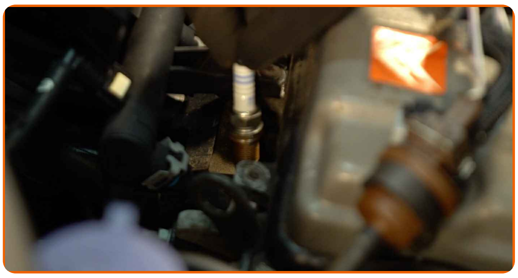


**15** Take out the spark plugs. Use a telescoping magnet.



16 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.

17 Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



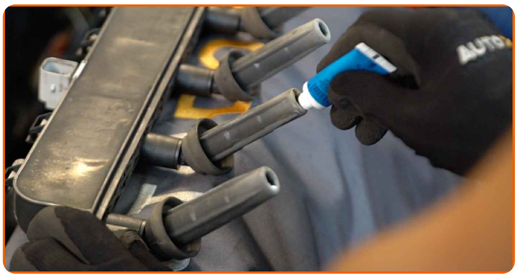
18 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 28 nm torque.



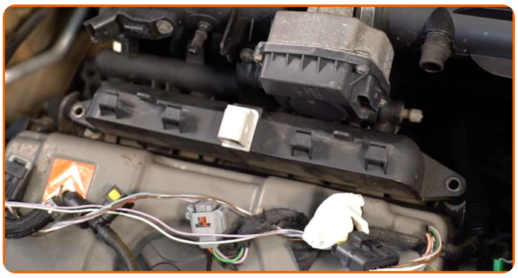
## Replacement: spark plugs – CITROËN C3 II (SC_). AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

19 Treat the ignition coil tips. Use high-temperature grease.



**20** Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



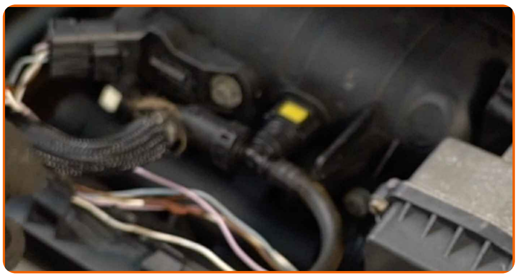
**21** Tighten the ignition coil fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 9 nm torque.



**22** Attach the connector to the intake manifold.



**23** Attach the PCV valve.



**24** Connect the crankcase ventilation hose to the intake manifold.

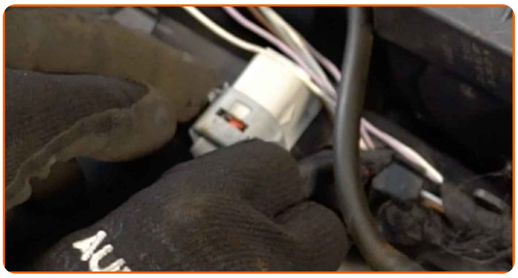


25 Attach the throttle valve connectors.

26 Remove the microfibre cloth from the PCV valve hole.



27 Install the crankcase ventilation hoses.



28 Connect the crankcase ventilation hose to the air duct.

29 Plug in the ignition coil connector.

30 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

31 Shut off the engine.

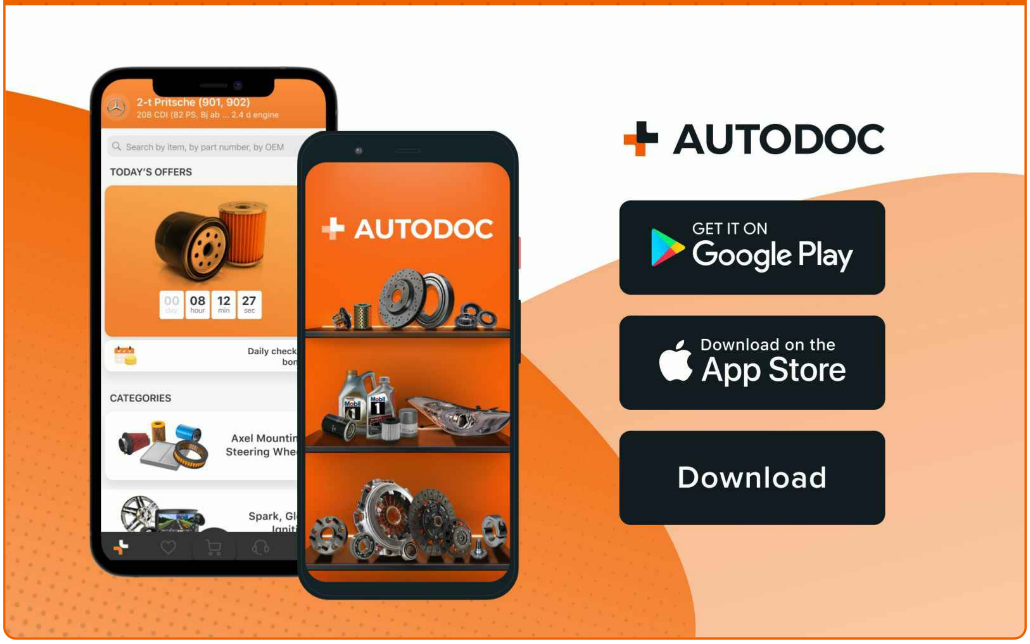
32 Remove the fender protection cover. Close the hood.

## WELL DONE!

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SPARK PLUGS: A WIDE SELECTION

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